From: Flock Safety Support
To: Stephen Best
Cc: brendon.norton@flocksafety.com; Tee Jane Teh; libby.landers@flocksafety.com; Eligio Lara; Stephen Best; Daniel Cohen; jake.sherman@flocksafety.com; Michael Balcorta
Subject: RE: Flock Identification issues
Date: Thursday, June 6, 2024 6:59:49 AM

*** EXTERNAL EMAIL: Please use caution when opening links or attachments.***

Thanks Cpl. Best for the feedback and for making this easy on me to bring to our Machine Learning team. I'm going to connect with them and get back to you ASAP with some answers.

Stay tuned,
Adam

---------- Original Message ----------
From: Stephen Best [sbest@cityofsantamaria.org]
Sent: 6/6/2024, 9:31 AM
To: libby.landers@flocksafety.com; support@flocksafety.com; jake.sherman@flocksafety.com; brendon.norton@flocksafety.com
Cc: elara@cityofsantamaria.org; sbest@cityofsantamaria.org; dcohen@cityofsantamaria.org; mbalcorta@cityofsantamaria.org; tteh@cityofsantamaria.org
Subject: Flock Identification issues

While reviewing the results of my tests to see if the trimming of the nearby trees resolved the poor night time images, I found that Flock consistently mis-identified make, model and color of my vehicle at night (which I guess is to be expected) but even if I pull up daytime photos of my vehicle there is a wide variety of identifications. This greatly degrades the effectiveness of the use of the filters and searches conducted by descriptions.

I don't know if your identification is all automated or if you rely upon users flagging errors, but it seams unreasonable to have the user flag every image that is mis-identified. It would take hours. Also, if you have daytime images of the night time vehicle, shouldn't you weight or give priority to the categorization from the daytime image vs the night time image?

Just some thoughts.

Attached are two PDFs demonstrating the problem. Below, you can see my vehicle is a gray (or silver) Toyota Prius which I would categorize as a Hatchback.

At night it was categorized as a Sedan or SUV, Toyota, Hyundai or Kia, Silver/Gray, Brown or Black.

When I pulled up daytime images it was categorized as Sedan, SUV or Hatchback, mostly Toyota and one Chevrolet, Silve/Gray, Brown, White or Black.

Corporal Stephen L. Best

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